

Case 10623244

S13371 250/\$.ccls. and 2005-01-  
(thermopile or radiant\$2 07  
or infared) near 12:30:38  
(sensor\$2 or detector\$2)  
and (thermopile or  
radiant\$2 or infared)  
near (sensor\$2 or  
detector\$2) and gas\$3  
and (control\$3 or  
comput\$3 or analyz\$3)

S13370 73/\$.ccls. and 2005-  
(thermopile or radiant\$2 01-07  
or infared) near 12:30:15  
(sensor\$2 or detector\$2)  
and (thermopile or  
radiant\$2 or infared)  
near (sensor\$2 or  
detector\$2) and gas\$3  
and (control\$3 or  
comput\$3 or analyz\$3)

S13369 438/\$.ccls. and  
(thermopile or radiant\$2  
or infared) near  
(sensor\$2 or detector\$2)  
and (thermopile or  
radiant\$2 or infared)  
near (sensor\$2 or  
detector\$2) and gas\$3  
and (control\$3 or  
comput\$3 or analyz\$3)

S13266 semiconductor\$2 and interconnect\$3 and (via\$2 or hole\$2) and (first or second or tv  
interconnect\$3 and stress\$3 and void\$2

S13265 (siv or (stress near induc\$3 near void\$2)) and metal\$2 and buffer\$3 and interconnec

S13264 (siv or (stress near induc\$3 near void\$2)) and metal\$2 and buffer\$3

- S13263   U   USPT (siv or (stress near induc\$3 near void\$2))
- S13262   U   USPT semiconductor\$2 and interconnect\$3 and (via\$2 or hole\$2)and siv\$3 and (buffer\$3 or insulat\$3 or seperat\$3) near (interconnect\$3 or metal or layer) and (siv or (stress near induc\$3 near void\$2))
- S13261   U   USPT semiconductor\$2 and interconnect\$3 and (via\$2 or hole\$2)and siv\$3 and (buffer\$3 or insulat\$3 or seperat\$3) near (interconnect\$3 or metal or layer) and (siv\$1 or (stress near(induc\$3 or void\$2)))
- S13260   U   USPT semiconductor\$2 and interconnect\$3 and (via\$2 or hole\$2)and siv\$3 and (buffer\$3 or insulat\$3 or seperat\$3) near (interconnect\$3 or metal or layer) and (siv\$2 or (stress near(induc\$3 or void\$2))) and metal\$3
- S13259   U   USPT semiconductor\$2 and interconnect\$3 and (via\$2 or hole\$2)and siv\$3 and (buffer\$3 or insulat\$3 or seperat\$3) near (interconnect\$3 or metal or layer) and (siv\$2 or (stress near(induc\$3 or void\$2)))
- S13258   U   USPT semiconductor\$2 and interconnect\$3 and (via\$2 or hole\$2)and siv\$3 and (buffer\$3 or insulat\$3 or seperat\$3) near (interconnect\$3 or metal or layer)
- S13257   U   USPT semiconductor\$2 and interconnect\$3 and (via\$2 or hole\$2)and siv\$3 and (buffer\$3 or insulat\$3) near (interconnect\$3 or metal or layer)
- S13256   U   USPT semiconductor\$2 and interconnect\$3 and (via\$2 or hole\$2)and siv\$3 and buffer\$3
- S13255   U   USPT semiconductor\$2 and interconnect\$3 and (via\$2 or hole\$2)and siv\$3
- S13254   U   USPT semiconductor\$2 and interconnect\$3 and (via\$2 or hole\$2) and (first or second or two) near interconnect\$3 and siv\$3 and buffer\$3
- S13253   U   USPT semiconductor\$2 and interconnect\$3 and (via\$2 or hole\$2) and (first or second or two) near interconnect\$3 and siv\$3
- S13252   U   USPT semiconductor\$2 and interconnect\$3 and (via\$2 or hole\$2) and (first or second or two) near interconnect\$3
- S13251   U   USPT semiconductor near process and (thermopile near (sensor\$2 or detector\$2) or infared\$2 near (sensor\$2 or detector\$2))
- S13250   U   USPT semiconductor near process
- S13249   U   USPT ('5967992' |'5721430' |'5650624' |'5834777')!.PN. and semiconductor near process

S13248 U USPT (4935345| 5047352| 5589689| 5650624| 5721430| 5834777| 5967992| 6348650| 6469303)! [pn] and semiconductor near process

S13247 U USPT (4935345| 5047352| 5589689| 5650624| 5721430| 5834777| 5967992| 6348650| 6469303)! [pn] and gas and semiconductor and (chamber\$2 or cell) and semiconductor near process

S13246 U USPT (4935345| 5047352| 5589689| 5650624| 5721430| 5834777| 5967992| 6348650| 6469303)! [pn] and gas and semiconductor and (chamber\$2 or cell)

S13245 U USPT ('5967992' |'5721430' |'5650624' |'5834777')!.PN. and gas and semiconductor and (chamber\$2 or cell)

S13244 U USPT (4935345| 5047352| 5589689| 5650624| 5721430| 5834777| 5967992| 6348650| 6469303)! [pn]

S13243 U USPT (thermopile or radiant\$2 or infared) near (sensor\$2 or detector\$2) and gas and semiconductor near process

S13242 U USPT (thermopile or radiant\$2 or infared) near (sensor\$2 or detector\$2)

S13241 U USPT (thermopile or radiant\$2) near (sensor\$2 or detector\$2) and gas and semiconductor near process

S13240 U USPT (thermopile or radiant\$2) near (sensor\$2 or detector\$2) and gas and semiconductor near process and (chamber\$2 or cell)

S13239 U USPT (thermopile near (sensor\$2 or detector\$2) or infared\$2 near (sensor\$2 or detector\$2)) and gas and semiconductor and (chamber\$2 or cell)

S13238 U USPT (thermopile near (sensor\$2 or detector\$2) or infared\$2 near (sensor\$2 or detector\$2)) and gas and semiconductor near process and (chamber\$2 or cell)

S13237 U USPT (thermopile near (sensor\$2 or detector\$2) or infared\$2 near (sensor\$2 or detector\$2))

S13236 U USPT thermopile near (sensor\$2 or detector\$2) and gas and semiconductor and (chamber\$2 or cell)

S13235 U USPT thermopile near (sensor\$2 or detector\$2) and gas and semiconductor near process

- S13234   U   USPT thermopile near (sensor\$2 or detector\$2) and gas and semiconductor near process and (chamber\$2 or cell)
- S13233   U   USPT thermopile near (sensor\$2 or detector\$2)
- S13232   U   USPT (thermopile or radiant\$2) near (sensor\$2 or detector\$2)
- S13231   U   USPT (6825543|6765279|6336269|6051862|6563162|6537437|6429596|4737469|4969028 and breakdown\$2 and (test\$3 or assess\$3 or find\$3 or ramp\$3))
- S13230   U   USPT (6825543|6765279|6336269|6051862|6563162|6537437|6429596|4737469|4969028
- S13229   U   USPT contact\$2 near pad\$2 and electric\$3 near potential\$3 and conduct\$3 and dielectric\$ and insulat\$3 and ((contact\$2 near pad\$2) or pad\$2) and breakdown\$2 and (test\$3 or assess\$3 or find\$3) and leak\$4
- S13228   U   USPT contact\$2 near pad\$2 and electric\$3 near potential\$3 and conduct\$3 and dielectric\$ and insulat\$3 and ((contact\$2 near pad\$2) or pad\$2) and breakdown\$2 and (test\$3 or assess\$3 or find\$3)
- S13227   U   USPT contact\$2 near pad\$2 and electric\$3 near potential\$3 and conduct\$3 and dielectric\$ and insulat\$3 and ((contact\$2 near pad\$2) or pad\$2)
- S13226   U   USPT (5369045| 5382536| 5517224| 5602576| 5666142| 5801431| 5850242| 6290334| 6302504)! [pn] and (insulat\$4 or dielectric\$2) and trench\$3 and breakdown\$2 and (test\$3 or assess\$3 or find\$3)
- S13225   U   USPT (5369045| 5382536| 5517224| 5602576| 5666142| 5801431| 5850242| 6290334| 6302504)! [pn]
- S13224   U   USPT 6825543[uref]
- S13223   U   USPT ((contact\$2 near pad\$2 and electric\$3 near potential\$3 and conduct\$3 and dielectric\$ and insulat\$3 and first near ((contact\$2 near pad\$2) or pad\$2))) and breakdown\$2 and (test\$3 or assess\$3 or find\$3)
- S13222   U   USPT ('6825543')!.PN. and breakdown\$2 and leak\$4
- S13221   U   USPT (((('6825543')!.PN. and (insulat\$4 or dielectric\$2))) and trench\$3) and breakdown\$2 and 30

S13220 U USPT (((('6825543')!.PN. and (inslulat\$4 or dielectric\$2)) and trench\$3) and breakdown\$2 and (test\$3 or assess\$3 or find\$3)

S13219 U USPT (((('6825543')!.PN. and (inslulat\$4 or dielectric\$2)) and trench\$3) and breakdown\$2 and failure\$2

S13218 U USPT (((('6825543')!.PN. and (inslulat\$4 or dielectric\$2)) and trench\$3) and breakdown\$2

S13217 U USPT (('6825543')!.PN. and (inslulat\$4 or dielectric\$2)) and trench\$3

S13216 U USPT ('6825543')!.PN. and (inslulat\$4 or dielectric\$2)

S13215 U USPT 6825543 and 3 and pad\$4 and 30\$2 and plug\$3

S13214 U USPT 6825543 and 3 and pad\$4 and 30\$2 and contact\$3 near plug\$3